

CLAIMS

1. A method of stabilizing an enzyme, which comprises incorporating, as a stabilizer for stabilizing at least one enzyme selected from the group consisting of aspartate aminotransferase and alanine aminotransferase, at least one amino acid selected from valine and proline in at least one medium selected from the group consisting of serum and buffer, with a proviso that said proline is incorporated in the amount which exceeds 100 mmol/L when using said proline alone as said stabilizer in case an object to be stabilized is alanine aminotransferase and aspartate aminotransferase is not contained.

2. The method of stabilizing an enzyme according to claim 1, wherein the content is controlled within a range from 0.5 to 100 mmol/L when using valine alone among valine and proline.

3. The method of stabilizing an enzyme according to claim 1, wherein the valine content is controlled within a range from 5 to 20 mmol/L and the proline content is controlled within a range from 10 to 500 mmol/L when using valine and proline in combination.

4. The method of stabilizing an enzyme according to claim 1, wherein the content is controlled within a range from 0.5 to 500 mmol/L when using proline alone among valine and proline for stabilization of aspartate aminotransferase.

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5. The method of stabilizing an enzyme according to claim 1, wherein said serum or buffer is a buffer containing a soluble protein. ? huh?

6. The method of stabilizing an enzyme according to claim 5, wherein said soluble protein is at least one soluble protein selected from the group consisting of albumin and gelatin.

7. The method of stabilizing an enzyme according to claim 6, wherein the concentration of said albumin is within a range from 0.5 to 15W/V%.

8. The method of stabilizing an enzyme according to claim 6, wherein the concentration of said gelatin is within a range from 0.5 to 15W/V%.

9. An enzyme composition comprising at least one medium selected from the group consisting of serum and buffer, at least one enzyme selected from the group consisting of aspartate aminotransferase and alanine aminotransferase and a stabilizer for stabilizing said enzyme, which is made of at least one amino acid selected from valine and proline, said enzyme and said stabilizer being incorporated in said medium, with a proviso that said proline is incorporated in the amount which exceeds 100 mmol/L when using said proline alone as said stabilizer in case an object to be stabilized is alanine aminotransferase and aspartate aminotransferase is not contained.

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